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* * * * * * * * * * Welcome to STN International * * * * * * * * * *

NEWS	1		Web Page URLs for STN Seminar Schedule - N. America
NEWS	2		"Ask CAS" for self-help around the clock
NEWS	3	JAN 27	Source of Registration (SR) information in REGISTRY updated and searchable
NEWS	4	JAN 27	A new search aid, the Company Name Thesaurus, available in CA/CAplus
NEWS	5	FEB 05	German (DE) application and patent publication number format changes
NEWS	6	MAR 03	MEDLINE and LMEDLINE reloaded
NEWS	7	MAR 03	MEDLINE file segment of TOXCENTER reloaded
NEWS	8	MAR 03	FRANCEPAT now available on STN
NEWS	9	MAR 29	Pharmaceutical Substances (PS) now available on STN
NEWS	10	MAR 29	WPIFV now available on STN
NEWS	11	MAR 29	New monthly current-awareness alert (SDI) frequency in RAPRA
NEWS	12	APR 26	PROMT: New display field available
NEWS	13	APR 26	IFIPAT/IFIUDB/IFICDB: New super search and display field available
NEWS	14	APR 26	LITALERT now available on STN
NEWS	15	APR 27	NLDB: New search and display fields available
NEWS	16	May 10	PROUSDDR now available on STN
NEWS	17	May 19	PROUSDDR: One FREE connect hour, per account, in both May and June 2004
NEWS	18	May 12	EXTEND option available in structure searching
NEWS	19	May 12	Polymer links for the POLYLINK command completed in REGISTRY
NEWS	20	May 17	FRFULL now available on STN
NEWS	21	May 27	STN User Update to be held June 7 and June 8 at the SLA 2004 Conference
NEWS	22	May 27	New UPM (Update Code Maximum) field for more efficient patent SDIs in CAplus
NEWS	23	May 27	CAplus super roles and document types searchable in REGISTRY
NEWS	24	May 27	Explore APOLLIT with free connect time in June 2004

NEWS EXPRESS	MARCH 31 CURRENT WINDOWS VERSION IS V7.00A, CURRENT MACINTOSH VERSION IS V6.0c(ENG) AND V6.0Jc(JP), AND CURRENT DISCOVER FILE IS DATED 26 APRIL 2004
NEWS HOURS	STN Operating Hours Plus Help Desk Availability
NEWS INTER	General Internet Information
NEWS LOGIN	Welcome Banner and News Items
NEWS PHONE	Direct Dial and Telecommunication Network Access to STN
NEWS WWW	CAS World Wide Web Site (general information)

Enter NEWS followed by the item number or name to see news on that specific topic.

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* * * * * * * * * * * * * * STN Columbus * * * * * * * * * * * * * * *

FILE 'HOME' ENTERED AT 11:45:06 ON 15 JUN 2004

=> file reg

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	0.21	0.21

FILE 'REGISTRY' ENTERED AT 11:45:18 ON 15 JUN 2004
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Property values tagged with IC are from the ZIC/VINITI data file provided by InfoChem.

STRUCTURE FILE UPDATES: 14 JUN 2004 HIGHEST RN 693217-50-4
DICTIONARY FILE UPDATES: 14 JUN 2004 HIGHEST RN 693217-50-4

TSCA INFORMATION NOW CURRENT THROUGH JANUARY 6, 2004

Please note that search-term pricing does apply when conducting SmartSELECT searches.

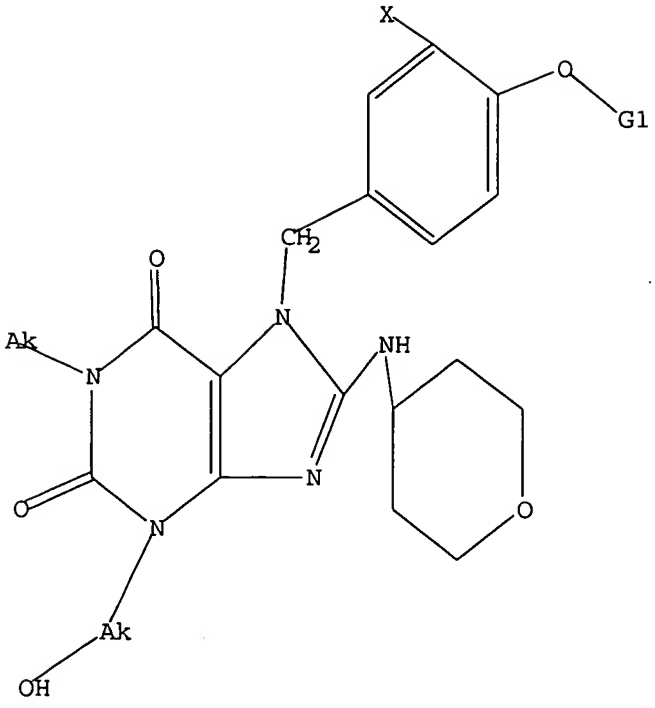
Crossover limits have been increased. See HELP CROSSOVER for details.

Experimental and calculated property data are now available. For more information enter HELP PROP at an arrow prompt in the file or refer to the file summary sheet on the web at:
http://www.cas.org/ONLINE/DBSS/registryss.html

=>
Uploading c:\program files\stnexp\queries\10777849.2

L1 STRUCTURE UPLOADED

=> d l1
L1 HAS NO ANSWERS
L1 STR



G1 H,Ak

Structure attributes must be viewed using STN Express query preparation.

=> s l1 sss full
FULL SEARCH INITIATED 11:45:49 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED - 2175 TO ITERATE

100.0% PROCESSED 2175 ITERATIONS 2 ANSWERS
SEARCH TIME: 00.00.01

L2 2 SEA SSS FUL L1

=> file caplus

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	155.42	155.63

FILE 'CAPLUS' ENTERED AT 11:45:56 ON 15 JUN 2004
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FILE COVERS 1907 - 15 Jun 2004 VOL 140 ISS 25
FILE LAST UPDATED: 14 Jun 2004 (20040614/ED)

This file contains CAS Registry Numbers for easy and accurate substance identification.

=> s l2
L3 1 L2

=> d l3 fbib hitstr abs total

L3 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2004 ACS on STN
AN 2002:240775 CAPLUS
DN 136:263171
TI Preparation of arylmethyl-1H-purine-2,6-diones as xanthine phosphodiesterase V inhibitors
IN Chackalamannil, Samuel; Wang, Yuguang; Boyle, Craig D.; Stamford, Andrew W.
PA Schering Corporation, USA
SO PCT Int. Appl., 127 pp.
CODEN: PIXXD2
DT Patent
LA English
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2002024698	A1	20020328	WO 2001-US28983	20010917
	W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, HR, HU, ID, IL, IN, IS, JP, KG, KR, KZ, LC, LK, LR, LT, LU, LV, MA, MD, MG, MK, MN, MX, MZ, NO, NZ, PH, PL, PT, RO, RU, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UZ, VN, YU, ZA, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
	RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
				US 2000-233567PP	20000919
	US 2002169174	A1	20021114	US 2001-940760	20010828
				US 2000-233567PP	20000919
	AU 2001091022	A5	20020402	AU 2001-91022	20010917
				US 2000-233567PP	20000919
				WO 2001-US28983W	20010917
	EP 1319003	A1	20030618	EP 2001-971092	20010917
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR				
				US 2000-233567PP	20000919
				WO 2001-US28983W	20010917
	BR 2001013953	A	20030722	BR 2001-13953	20010917
				US 2000-233567PP	20000919
				WO 2001-US28983W	20010917
	JP 2004509892	T2	20040402	JP 2002-529108	20010917
				US 2000-233567PP	20000919
				WO 2001-US28983W	20010917

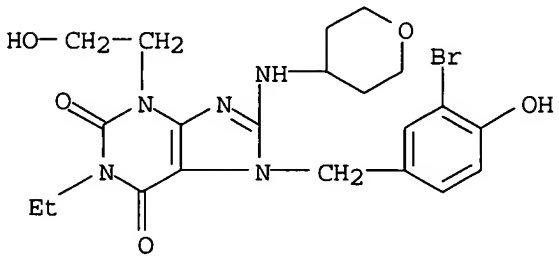
NO 2003001238 A 20030514 NO 2003-1238 20030318
US 2000-233567PP 20000919
WO 2001-US28983W 20010917

OS CASREACT 136:263171; MARPAT 136:263171

IT **405214-54-2P 405214-64-4P**
RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(preparation of arylmethyl-1H-purine-2,6-diones as xanthine phosphodiesterase V inhibitors)

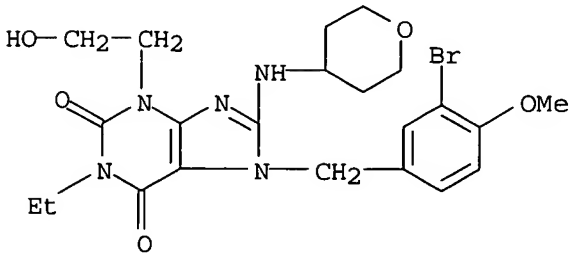
RN 405214-54-2 CAPLUS

CN 1H-Purine-2,6-dione, 7-[(3-bromo-4-hydroxyphenyl)methyl]-1-ethyl-3,7-dihydro-3-(2-hydroxyethyl)-8-[(tetrahydro-2H-pyran-4-yl)amino]- (9CI) (CA INDEX NAME)

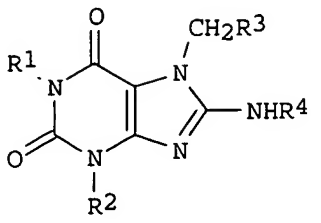


RN 405214-64-4 CAPLUS

CN 1H-Purine-2,6-dione, 7-[(3-bromo-4-methoxyphenyl)methyl]-1-ethyl-3,7-dihydro-3-(2-hydroxyethyl)-8-[(tetrahydro-2H-pyran-4-yl)amino]- (9CI) (CA INDEX NAME)



GI



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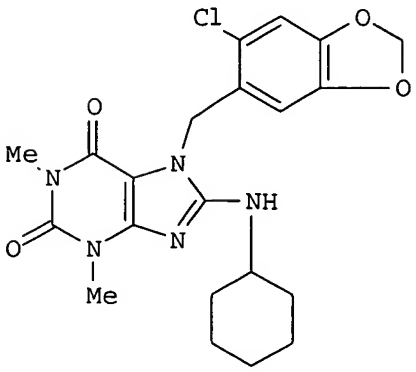

II

AB Title compds. [I; R1, R2 independently = C1-15 alkyl, C2-15 alkenyl, C2-15 alkynyl, C3-15 cycloalkyl, heteroaryl, OH, CO2H, CHO, CONH2, H; R3 = aryl, heteroaryl; R4 = C3-15 cycloalkyl with or without one or more substituents, C3-15 cycloalkenyl, with or without one or more substituents, heterocycloalkyl of 3 to 15 members, with or without one or more substituents], enantiomers, stereoisomers, tautomers and/or prodrug are prepared as xanthine phosphodiesterase V inhibitors and are useful for treating male (erectile) and female sexual dysfunction and other physiol. disorders. Method for treating disorders including title compds. I and/or with nitrate donating pharmaceutical composition and comprising a prostanoid, α-adrenergic receptor, dopamine receptor agonist, etc. Thus, the title compound II was prepared from bromotheophylline, 6-chloropiperonyl chloride, and cyclohexylamine in the presence of 1-methyl-2-pyrrolidinone (NMP) and diisopropylethylamine (DIPEA) in sealed tube ate 160°.

RE.CNT 10 THERE ARE 10 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

=> log y

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	5.63	161.26
DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE ENTRY	TOTAL SESSION
CA SUBSCRIBER PRICE	-0.69	-0.69

STN INTERNATIONAL LOGOFF AT 11:47:16 ON 15 JUN 2004